

## 5-Oxodecanoic acid

## Chemical Properties

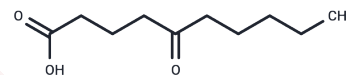
CAS No. : 624-01-1

Formula: C<sub>10</sub>H<sub>18</sub>O<sub>3</sub>

Molecular Weight: 186.25

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



## Biological Description

Description	5-Oxodecanoic acid is a biochemical. 5-Oxodecanoic acid can be reduced to 5-hydroxydecanoic acid by intact cells of baker's yeast.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.3691 mL	26.8456 mL	53.6913 mL
5 mM	1.0738 mL	5.3691 mL	10.7383 mL
10 mM	0.5369 mL	2.6846 mL	5.3691 mL
50 mM	0.1074 mL	0.5369 mL	1.0738 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

FRANCKE A. THE REDUCTION OF 5-OXODECANOIC ACID BY NORMAL BAKER'S YEAST. *Biochem J.* 1965 Jun;95:633-40. PubMed PMID: 14342497; PubMed Central PMCID: PMC1206788.

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